

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|----------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|---------|------------------|
| L1 | 0 | 098/807519 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:44 |
| L2 | 504 | Keegan.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:44 |
| L3 | 45020 | Jones.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:44 |
| L4 | 24640 | Moore.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:44 |
| L5 | 70015 | l2 or l3 or l4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:44 |
| L6 | 1480 | sequence adj5 (insulin or preproinsulin) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:48 |
| L7 | 1480 | sequence adj5 (insulin or preproinsulin or pre adj pro adj insulin) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:45 |
| L8 | 1480 | sequence adj5 (insulin or preproinsulin or pre adj pro adj insulin or pre-pro-insulin) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:45 |
| L9 | 12 | l8 and l5 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:45 |
| L10 | 215 | secretory adj5 (insulin or preproinsulin) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:48 |

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|-----|------|-------------------------------------------------------------------------------------|---------------------------------------------|----|----|------------------|
| L11 | 215 | (sequence or singal) adj 5 secretory adj5 (insulin or preproinsulin) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:48 |
| L12 | 0 | (sequence or singal) adj5 secretory adj5 (insulin or preproinsulin) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:48 |
| L13 | 0 | (sequence or signal) adj5 secretory adj5 (insulin or preproinsulin) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:58 |
| L14 | 3 | (insulin or preproinsulin) adj10 (sequence or signal) adj5 secretory | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 08:58 |
| L15 | 19 | (insulin or preproinsulin) adj5 secretory adj10 (sequence or signal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 09:16 |
| L16 | 2197 | somatotropin | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 09:16 |
| L17 | 51 | somatotropin same mature | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 09:16 |
| L18 | 8 | somatotropin adj20 mature | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 09:26 |
| L19 | 51 | somatotropin same mature | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 09:26 |
| L20 | 5 | somatotropin same mature and heterologous adj10 (leader or signal or prepro or pre) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 09:27 |

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|-----|---|----------------------------------------------------------------------------------------------------|---------------------------------------------------------|----|----|------------------|
| L21 | 5 | somatotropin same mature and heterologous adj10 (leader or signal or prepro or pre) adj10 sequence | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 09:30 |
| L22 | 2 | "5082783".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 09:31 |

(FILE 'HOME' ENTERED AT 09:40:07 ON 22 FEB 2005)

FILE 'MEDLINE, CAPLUS, SCISEARCH' ENTERED AT 09:40:58 ON 22 FEB 2005

L1 539343 S INSULIN OR PREPROINSULIN
L2 338 S L1 (S) (SIGNAL OR SECRETORY) (10A) (SEQUENCE)
L3 244 DUP REM L2 (94 DUPLICATES REMOVED)
L4 13 S L3 AND (SOMATOTROPIN OR GROWTH (A) HORMONE)
L5 11 S L4 AND PY<=1998
L6 614 S MATURE (S) (SOMATOTROPIN OR GROWTH (A) HORMONE)
L7 3 S L6 AND HETEROLOGOUS (A) (SIGNAL OR LEADER)
L8 14 S L3 AND HETEROLOGOUS (10A) (PEPTIDE OR PROTEIN OR GENE OR CODI
L9 377619 S KEEGAN?/AU OR MOORE?/AU OR JONES?/AU
L10 1 S L9 AND L3
L11 71205 S (LEADER OR SIGNAL OR SECRETORY OR PREPRO OR PRE) (10A) SEQUE
L12 57183 S (LEADER OR SIGNAL OR SECRETORY OR PREPRO OR PRE) (5A) SEQUENC
L13 314 S L12 (S) INSULIN
L14 233 DUP REM L13 (81 DUPLICATES REMOVED)
L15 6 S L14 (S) (ST OR GH OR SOMATOTROPIN OR GROWTH (A) HORMONE)
L16 5 S L15 AND PY<=1998
L17 20 S L14 AND (ST OR GH OR SOMATOTROPIN OR GROWTH (A) HORMONE)
L18 20 DUP REM L17 (0 DUPLICATES REMOVED)
L19 18 S L18 AND PY<=1998
L20 13 S L19 NOT L16

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From: Marvich, Maria
 Sent: Tuesday, February 22, 2005 9:10 AM
 To: STIC-Biotech/ChemLib
 Subject: 09/807519

CRPE

Please search SEQ ID NO:1 including an interference search.

Thank you

Maria Bonovich Marvich, PhD
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